

50X1-HUM

INFORMATION REPORT

SECRET

CONFIDENTIAL

COUNTRY

USSR (Siberia)

SUBJECT

1. Novosibirsk Machine Tool Factory 1/n 16th Party Congress
2. Novosibirsk Heavy Machine Tool Factory
3. Novosibirsk Tool Factory

DATE DISTR. 11 October 1948

NO. OF PAGES 3

PLACE

ACQUIRED

DATE OF INFO

NO. OF ENCLS.

CONFIDENTIAL

50X1-HUM

This document is being furnished below in accordance with the letter of 16 October 1948 from the Director of Central Intelligence to the Archivist of the United States for the next Review Date.

NO. OF ENCLS.

REPORT

THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE MEANING OF THE ESPIONAGE ACT 50 U.S.C. 31 AND AS AMENDED. ITS TRANSMISSION OR THE REVELATION OF ITS CONTENTS IN ANY MANNER TO AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW. REPRODUCTION OF THIS FORM IS PROHIBITED. HOWEVER INFORMATION CONTAINED IN BODY OF THE FORM MAY BE UTILIZED AS DEEMED NECESSARY BY THE RECEIVING AGENCY.

THIS IS UNEVALUATED INFORMATION FOR THE RESEARCH USE OF TRAINED INTELLIGENCE ANALYSTS

50X1-HUM

Novosibirsk Machine Tool Factory
1/n 16th Party Congress

1. The Novosibirsk Machine Tool Factory (Novosibirski Stankostroitelny Zavod Imeni 16 Part's'yozda) is under the control of the Chief Directorate of Machine Tool Industry (Glavinstrument) of the Ministry of Machine Tool Manufacture.

50X1-HUM

2. Before the war the factory was located in Odessa. At the beginning of the war it was evacuated to Novosibirsk, but the evacuation was so hurried that most of the equipment and materials were lost. Personnel who reached Novosibirsk were obliged to establish practically a new factory.

3. The factory now manufactures the following products:

Thread-cutting lathes "26" (tokarno-vintorezny stanok 26)

50X1-HUM

"S-195" machine tools

"A-453" automatic machines (avtomat A-453)

The consumer goods shop produces flat-irons, kitchen ranges, grate bars, and various castings and forgings to order.

"A453" automatic machines are used for the production of spring washers (pruzhinaya shayba) with a 12 x 12 mm. section and internal diameters of 26 and 29 mm., employed for rail fixing. The "A-453" weighs about eight tons, is about three meters long, about two meters wide, and about 1.75 meters high. It produces about 400 washers per minute.

4. During the first half of 1948 about 355 thread-cutting lathes were produced. Output of "S-195" machine tools and "A-453" automatic machines is not known, but the numbers are small.

CLASSIFICATION - SECRET/CONTROL-US OFFICIALS ONLY

| | | | | | | | | | | | | | | | | | | | |
|-------|-------------------------------------|------|-------------------------------------|------|-------------------------------------|--------------|--|--|--|--|--|--|--|--|--|--|--|--|--|
| STATE | <input checked="" type="checkbox"/> | NAVY | <input checked="" type="checkbox"/> | NSRB | <input checked="" type="checkbox"/> | DISTRIBUTION | | | | | | | | | | | | | |
| ARMY | <input checked="" type="checkbox"/> | AIR | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | |

Document No. 50X1-HUM
NO. OF ENCLS. 1
Class. CHARLIE TO: 17
DDA Memo, 4 Apr 77
Auth: DDA REG. 7
Date: 8 MAY 1978

SECRET
CONFIDENTIAL

CENTRAL INTELLIGENCE AGENCY

~~SECRET~~

~~CONFIDENTIAL~~

- 2 -

50X1-HUM

5. In early July 1948, the director of the factory was Sliozberg. The number of employees is not known.

Novosibirsk Heavy Machine Tool Factory

6. The Novosibirsk Heavy Machine Tool Factory (Tyazhstankogidropress) is under the control of the Production Directorate of the Ministry for Machine Tool Manufacture of the USSR. The head of this Directorate is Boim.
7. In 1947 and 1948, the factory produced the following types of hydraulic presses and machine tools:

"KPG-800" steam-hydraulic forging press with pressure of 800 tons
"KPG-360" " " " " " " " " 360 "
"GU-200" hydraulic press
"IP-15" vertical double-sided boring and turning machine for
machining of tires (karuselny dvukhtoechny stanok dlya
obrabotki bandazhei)
"265-V" horizontal boring machines (gorizontalno-rastochnie
stanki) with diameter of spindle 150 mm.
"724" planing machine
Cotton presses
Pumps

It is not known how many of these items were produced.

8. In June 1948, the director was Polyakov and the chief engineer was Shmulevich. The head of the technical control section was Savin.

50X1-HUM

9. At present, the factory is undergoing considerable expansion. New industrial buildings are being erected; foundry and forge shops are being expanded and a number of living houses and communal dwellings are being built. During 1948 and 1949, the factory will receive about 270 new machine tools and automatic machines, reportedly from dismantled foreign factories. In 1948, about 80 machine tools have already arrived and about 50 of them have been installed. Some of these machine tools are of Russian make, but some are foreign.
10. After the expansion, the factory will start working entirely independently, producing almost all its own forgings and castings, a large number of which are at present received from other factories; e.g., during the first half of 1948, forgings arrived from the following factories:

Uralsmash Factory (Ministry of Heavy Engineering): 60 tons

Factory No. 221 (Ministry of Armaments) at Stalingrad: 80 tons

Novo-Kramatorski Engineering Works i/n Stalin (Ministry of Heavy Engineering) at Novo-Kramatorsk: 70 tons

Heat-resisting steel castings from Elektrostal Factory (Ministry of Ferrous Metallurgy) at Elektrostal near Moscow.

Novosibirsk Tool Factory

11. The Novosibirsk Tool Factory (Novosibirski Instrumentalny Zavod) is under the control of the Chief Directorate of Tool Industry of the Ministry of Machine Tool Manufacture of the USSR.
12. The address of the factory is 13 Krasny Prospekt, Novosibirsk.

~~SECRET/CONTROL-US OFFICIALS ONLY~~

~~SECRET~~

~~CONFIDENTIAL~~

~~SECRET~~/CONTROL-US OFFICIALS ONLY

CENTRAL INTELLIGENCE AGENCY

~~SECRET~~

50X1-HUM

~~CONFIDENTIAL~~

- 3 -

13. It produces the following types of tools and instruments:

a. Fitters' tools

Cutting nippers of various types and lengths (12, 15, and 20 cm.)
 "Duck's-bill" pliers of various types and lengths
 Ordinary pliers of various types and lengths
 Side-cutting nippers
 Screw-drivers of various types and lengths
 Spanners and special tools for motor vehicles and aircraft

b. Vice tools

Parallel vices of various sizes
 Three-jawed chucks
 High-speed interchangeable chucks (for drills)

c. Measuring instruments

Micrometers
 Sliding calipers
 Depth gauges
 Scale rulers (20 and 50 cm. long)
 Gauges for checking distances between openings

d. Cutting tools (mostly of high-speed steel mark RF-1, EI-262)

Drills and bits of various types and sizes
 Milling cutters of various types and sizes
 Cutting dies
 Reamers

14. Output varies from month to month both in types and in quantities, dependent on the receipt of orders for production. Below is an almost complete list of output for the first three months of 1948:

| | |
|-----------------------|--------------|
| Drills..... | about 13,500 |
| Cutting dies..... | " 7,000 |
| Milling cutters..... | " 45,000 |
| Reamers..... | " 21,000 |
| Micrometers..... | " 200 |
| Sliding calipers..... | " 2,000 |
| Depth gauges..... | " 250 |
| Parallel vices..... | " 1,000 |
| Chucks..... | " 12,000 |

Fitters' tools of various types: about 250,000

In 1947, the total value of output (at factory prices at which the value of output is assessed) was 50 million rubles.

15. In June 1948, the director of the factory was Sharapov. Sharkov was the deputy director and chief engineer. The number of industrial personnel employed was 1,620, including about 1,200 workmen and apprentices.

CONFIDENTIAL

~~SECRET~~/CONTROL-US OFFICIALS ONLY~~SECRET~~